The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A method of producing an analytical result, comprising:

a measurement step of obtaining measurement data by a measurement device for measuring a subject and/or a sample obtained from said subject,

a first transmission step of transmitting said measurement data from said measurement device to an analysis device via a network,

a first receiving step of receiving said measurement data by said analysis device,

a processing step of processing said measurement data by said analysis device to convert said measurement data into an analytical result, said analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data,

a second transmission step of transmitting said analytical result from said analysis device, via said network, to said measurement device, ~~and~~

a second receiving step of receiving said analytical result by said measurement device,

an error detection step of determining whether there is an error during said measurement step, and

a stopping step of stopping said measurement step by said measurement device if an error is detected during said error detection step.

2. (Previously Presented) The method of producing an analytical result according to Claim 1, wherein

said first transmission step includes a step of associating a communication address of said measurement device with said measurement data.

3. (Currently Amended) A method of producing an analytical result, comprising:

a measurement step of obtaining measurement data by a measurement device for measuring a subject and/or a sample obtained from said subject,

a first transmission step of transmitting said measurement data from said measurement device to an analysis device via a network,

a first receiving step of receiving said measurement data by said analysis device,

a processing step of processing said measurement data by said analysis device to convert said measurement data into an analytical result, said analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data,

a second transmission step of transmitting said analytical result from said analysis device, via said network, to an output device that outputs said analytical result,

a second receiving step of receiving said analytical result by said output device, ~~and~~

an output step of outputting said analytical result by said output device,

an error detection step of determining whether there is an error during said measurement step, and

a stopping step of stopping said measurement step by said measurement device if an error is detected during said error detection step.

4. (Previously Presented) The method of producing an analytical result according to Claim 3, wherein

said first transmission step includes a step of associating a communication address of said output device with said measurement data.

5. (Currently Amended) An analytical result producing device, comprising:

receiving means for receiving measurement data via a network from a measurement device that measures a subject and/or a sample obtained from said subject and obtains said measurement data,

processing means for processing said measurement data, and converting said measurement data into an analytical result, said analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data, and

transmission means for transmitting, via said network, said analytical result to said measurement device,

wherein

said receiving means further receives device identification information that identifies a class of said measurement device and said measurement data associated therewith, and

said processing means includes:

storage means for storing analysis programs for processing said measurement data for each class of said measurement device,

determination means for determining said class of said measurement device based upon said device identification information, and

selection means for selecting an analysis program corresponding to said class of said measurement device from amongst said stored analysis programs, and for applying the selected analysis program to the processing of said measurement data.

6. (Previously Presented) The analytical result producing device according to Claim 5, wherein

said receiving means receives a communication address of said measurement device and associates said communication address with said measurement data.

7. (Previously Presented) The analytical result producing device according to Claim 5, wherein

said receiving means further receives identification information and test items for said subject that are associated with said measurement data, and

said transmission means transmits said identification information of said subject and said test items associated with said measurement data.

8. (Canceled).

9. (Previously Presented) The analytical result producing device according to Claim 5, further comprising:

results storage means for storing conditions on a contract relating to the processing of measurement data exchanged between a manager of the analytical result producing device and a manager of said measurement device, and usage results of said analytical result producing device that said manager of said measurement device used, and

determination means for determining items billed to said manager of said measurement device based on said contract conditions and said usage results.

10. (Currently Amended) An analytical result producing device, comprising:

receiving means for receiving measurement data via a network from a measurement device that measures a subject and/or a sample obtained from said subject and obtains said measurement data,

processing means for processing said measurement data, and converting said measurement data into an analytical result, said analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data, and

transmission means for transmitting, via said network, said analytical result to an output device that outputs said analytical result,

wherein

said receiving means further receives device identification information that identifies a class of said measurement device and said measurement data associated therewith, and

said processing means includes:

storage means for storing analysis programs for processing said measurement data for each class of said measurement device,

determination means for determining said class of said measurement device based upon said device identification information, and

selection means for selecting an analysis program corresponding to said class of said measurement device from amongst said stored analysis programs, and for applying the selected analysis program to the processing of said measurement data.

11. (Previously Presented) The analytical result producing device according to Claim 10, wherein

said receiving means receives a communication address of said measurement device and associates said communication address with said measurement data.

12. (Previously Presented) The analytical result producing device according to Claim 10, wherein

said receiving means further receives identification information and test items for said subject that are associated with said measurement data, and

said transmission means transmits said identification information of said subject and said test items associated with said analytical result.

13. (Canceled).

14. (Previously Presented) The analytical result producing device according to Claim 10, further comprising:

results storage means for storing conditions on a contract relating to the processing of measurement data exchanged between a manager of the analytical result producing device and a manager of said measurement device, and usage results of said analytical result producing device that said manager of said measurement device used, and

determination means for determining items billed to said manager of said measurement device based on said contract conditions and said usage results.

15. (Currently Amended) A computer program product for analytical result production, comprising:

receiving means for receiving measurement data via a network from a measurement device that measures a subject and/or a sample obtained from said subject and obtains said measurement data,

processing means for processing said measurement data, and converting said measurement data into an analytical result, said analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data, and

transmission means for transmitting, via said network, said analytical result to said measurement device,

wherein

said receiving means further receives device identification information that identifies a class of said measurement device and said measurement data associated therewith, and

said processing means includes:

storage means for storing analysis programs for processing said measurement data for each class of said measurement device,

determination means for determining said class of said measurement device based upon said device identification information, and

selection means for selecting an analysis program corresponding to said class of said measurement device from amongst said stored analysis programs, and for applying the selected analysis program to the processing of said measurement data.

16. (Currently Amended) A computer program product for analytical result production, comprising:

receiving means for receiving measurement data via a network from a measurement device that measures a subject and/or a sample obtained from said subject and obtains said measurement data,

processing means for processing said measurement data, and converting said measurement data into an analytical result, said analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data, and

transmission means for transmitting, via said network, said analytical result to an output device that outputs said analytical result,

wherein

said receiving means further receives device identification information that identifies a class of said measurement device and said measurement data associated therewith, and

said processing means includes:

storage means for storing analysis programs for processing said measurement data for each class of said measurement device,

determination means for determining said class of said measurement device based upon said device identification information, and

selection means for selecting an analysis program corresponding to said class of said measurement device from amongst said stored analysis programs, and for applying the selected analysis program to the processing of said measurement data.

17. (Currently Amended) A measurement device to be connected via a network to an analysis device that processes measurement data and converts said measurement data into an analytical result, comprising:

measurement means for measuring a subject and/or a sample obtained from said subject and obtaining measurement data, ~~and~~

first transmission means for transmitting said measurement data to said analysis device via said network, said analysis device converting said measurement data into said analytical result, said analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data, and

error detection means for detecting an error during the measurement by said measurement means,

wherein

said measurement means stops the obtainment of measurement data if said error detection means detects an error, and

said network is selected from the group consisting of an internet, a public telephone network, a mobile communication network, and an ISDN.

18. (Previously Presented) The measurement device according to Claim 17, wherein

said first transmission means associates a communication address of said measurement device with said measurement data and transmits said measurement data.

19. (Previously Presented) The measurement device according to Claim 17, wherein

said first transmission means associates identification information of said subject and test items with said measurement data and transmits said measurement data.

20. (Previously Presented) The measurement device according to Claim 17, wherein

said first transmission means associates device identification information that indicates the identity of said measurement device with said measurement data and transmits said measurement data.

21. (Previously Presented) The measurement device according to Claim 17, further comprising:

output means for outputting said analytical result,

receiving means for receiving from said analysis device said analytical result obtained by processing said measurement data, and

second transmission means for transmitting said analytical result received by said receiving means to said output means.

22. (Previously Presented) The measurement device according to Claim 17, further comprising

output means for outputting said analytical result received from said analysis device.

23. (Currently Amended) A computer program product comprising:

measurement means for measuring a subject and/or a sample obtained from said subject and obtaining measurement data, ~~and~~

transmission means for transmitting via a network said measurement data to an analysis device that processes said measurement data and converts said measurement data into an analytical result, said analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data, and

error detection means for detecting an error during the measurement by said measurement means,

wherein

said measurement means stops the obtainment of measurement data if said error detection means detects an error, and

said network is selected from the group consisting of an internet, a public telephone network, a mobile communication network, and an ISDN.

24. (Currently Amended) An output device to be connected to a measurement device, comprising:

receiving means for receiving an analytical result from said measurement device, said analytical result being transmitted from an analysis device to said measurement device via a network, said measurement device measuring a subject and/or a sample obtained from said subject and obtaining measurement data, said measurement device stopping the obtainment of measurement data when an error is detected during the measurement of said subject and/or the sample obtained from said subject, said analysis device processing said measurement data and converting said measurement data into said analytical result, said analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of said

measurement data, and said measurement device being connected to said analysis device via said network, and

output means for outputting said analytical result.

25. (Canceled).

26. (Currently Amended) An output device to be connected to an analysis device via a network, comprising:

receiving means for receiving an analytical result, via said network, from said analysis device that processes measurement data and converts said measurement data into said analytical result, said analytical result including a subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data, and

output means for outputting said analytical result,

wherein

said analysis device is connected via said network to a measurement device that measures said subject and/or a sample obtained from said subject and obtains said measurement data, and

said measurement device stops the obtainment of measurement if an error is detected during said measurement.

27. (Previously Presented) The output device according to Claim 26, wherein

said receiving means receives identification information and test items for said subject that are related to said analytical result, and

said output device associates said subject's identification information and test items with said analytical result and outputs said analytical result.

28-29. (Canceled).

30. (Previously Presented) The method of producing an analytical result according to claim 1, further comprising:

an outputting step of outputting said analytical result by said measurement device.

31. (Previously Presented) The method of producing an analytical result according to claim 1, wherein

said network is selected from the group consisting of an internet, a public telephone network, a mobile communication network, and an ISDN.

32. (Previously Presented) The method of producing an analytical result according to claim 3, wherein

said network is selected from the group consisting of an internet, a public telephone network, a mobile communication network, and an ISDN.

33. (Previously Presented) The measurement device according to claim 22, wherein said output means comprises a computer.

34. (Currently Amended) A system of producing an analytical result, comprising:

a measurement device, and

an analysis device to be connected via a network to said measurement device,

wherein

said measurement device comprises

measurement means for measuring a subject and/or a sample obtained from said subject and obtaining measurement data, ~~and~~

first transmission means for transmitting, via said network, said measurement data to said analysis device, and

error detection means for detecting an error during the measurement by said measurement means,

said measurement means stops the obtainment of measurement data if said error detection means detects an error, and

said analysis device comprises

receiving means for receiving said measurement data from said measurement device via said network,

processing means for processing said measurement data, and converting said measurement data into an analytical result, said analytical result

including said subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data, and

second transmission means for transmitting, via said network, said analytical result to said measurement device.

35. (Currently Amended) A system of producing an analytical result, comprising:

a measurement device,

an analysis device to be connected via a network to said measurement device, and

an output device to be connected via said network to said analysis device,

wherein said measurement device comprises

measurement means for measuring a subject and/or a sample obtained from said subject and obtaining measurement data, ~~and~~

first transmission means for transmitting said measurement data to said analysis device via said network, and

error detection means for detecting an error during the measurement by said measurement means,

said measurement means stops the obtainment of measurement data if said error detection means detects an error,

said analysis device comprises

first receiving means for receiving said measurement data from said measurement device via said network,

processing means for processing said measurement data, and converting said measurement data into an analytical result, said analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data, and

second transmission means for transmitting, via said network, said analytical result to said output device, and

said output device comprises

second receiving means for receiving said analytical result from said analysis device via said network, and

output means for outputting said analytical result.

36. (Previously Presented) The system according to claim 34, wherein

said measurement device further comprises output means for outputting said analytical result.

37. (Previously Presented) The system according to claim 34, wherein

said network is selected from the group consisting of an internet, a public telephone network, a mobile communication network, and an ISDN.

38. (Previously Presented) The system according to claim 34, further comprising:

a web server for storing patient data.

39. (Previously Presented) The system according to claim 35, wherein

said network is selected from the group consisting of an internet, a public telephone network, a mobile communication network, and an ISDN.

40. (Previously Presented) The system according to claim 35, further comprising:

a web server for storing patient data.

41. (Currently Amended) A measurement device to be connected via a network to an analysis device that processes measurement data and converts said measurement data into an analytical result, comprising:

a measurement unit for measuring a subject and/or a sample obtained from said subject and obtaining said measurement data, ~~and~~

a transmission unit for transmitting said measurement data to said analysis device via said network to convert said measurement data into said analytical result, said analytical result including said subject's in vivo and/or in vitro test result, which is a result of analysis of said measurement data, and

an error detection unit for detecting an error during the measurement by said measurement unit,

wherein

said measurement unit stops the obtainment of measurement data if said error detection unit detects an error, and

said network is selected from the group consisting of an internet, a public telephone network, a mobile communication network, and an ISDN.